

From: [Gilmore, Mari](#)
To: [Handley, Bianca](#)
Cc: [Dehghi, Benny](#); vahe.dabbaghian@ladwp.com; Nicole.Alkov@Waterboards.ca.gov; Diep_Chi_P.@Waterboards; [Murdock, Kevin/LAC](#); jwingate@otie.com; [Taraszki, Michael D](#); Humphreys, Christina@Waterboards
Subject: NHOU: February 2020 monthly progress report (Honeywell)
Date: Tuesday, March 10, 2020 2:08:17 PM
Attachments: [image001.png](#)
[R35216_NHOU_2020MAR10_RA_HON_Monthly_Prog_Report.pdf](#)

Bianca,

On behalf of Honeywell, please find attached the February 2020 progress report for NHOU.

Thank you,

Mari Gilmore, PG

Senior Associate Geologist
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wood.



March 10, 2020

Project 8619192590

Ms. Bianca Handley
U.S. Environmental Protection Agency
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San Francisco, California 94105

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USA

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Subject: February 2020 Monthly Progress Report (electronic submittal)
North Hollywood Operable Unit
Second Interim Remedy
Groundwater Remediation Design

Dear Ms. Handley:

On behalf of Honeywell International Inc., attached is the February 2020 monthly progress report for North Hollywood Operable Unit (NHOU) Second Interim Remedy (2IR) treatment activities, pursuant to the October 2017 Unilateral Administrative Order for Remedial Action (U.S. EPA Region IX CERCLA Docket No. 2017-06; UAO) that became effective on February 1, 2018, and the First Amendment to the UAO (CERCLA Docket No. 2019-12) dated July 8, 2019.

Please contact either of the undersigned at (510) 663-4100 if you have questions regarding this submittal.

Sincerely,
Wood Environment & Infrastructure Solutions, Inc.

Mari Gilmore, PG CA 8492
Project Manager

Michael Taraszki, PG CA 6457, CHG CA 586, PMP
Project Principal

MG/MT/MR
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Attachment: February 2020 Monthly Progress Report
Monthly Progress Schedule

cc: Mr. Benny Dehghi (Honeywell)
Mr. Vahe Dabbaghian (LADWP)
Ms. Nicole Alkov and Ms. Christina Humphreys (RWQCB-LA)
Mr. Chi Diep (SWRCB DDW)
Mr. John Wingate (OTIE)
Mr. Kevin Murdock (Jacobs)



February 2020 NHOU Monthly Progress Report

ACTIVITIES COMPLETED FOR THE REPORT PERIOD

- Honeywell/Wood continued with modifications to the Phase 1B groundwater treatment system design for the “For Construction” drawing set based on comments received from U.S. EPA and Los Angeles Department of Water and Power (LADWP);
- Honeywell/Wood continued with procurement activities for major equipment for the Phase 1B groundwater treatment system;
- Honeywell/Wood continued to support LADWP’s efforts to obtain an amended drinking water permit from the State Division of Drinking Water (DDW) via the 97-005 policy memo;
- Honeywell/Wood submitted the Transportation and Off-site Disposal Plan and Construction Quality Assurance/Quality Control Plan to the U.S. EPA on February 28; and
- Honeywell/Wood continued plan check activities at the Los Angeles Department of Building and Safety (LADBS) and Bureau of Engineering (LABOE) to support Phase 1B construction.

ISSUES AND CORRECTIVE ACTIONS

- None.

ANTICIPATED ACTIVITIES FOR THE NEXT SIX WEEKS

- Honeywell/Wood actions:
 - Continue with the Phase 1B groundwater treatment system procurement, plan check and permitting processes;
 - Continue supporting LADWP with the DDW 97-005 process; and
 - Submit a Well Completion Report for the Phase 2A groundwater extraction wells.
- LADWP actions (anticipated):
 - Continue development and submittal of documents associated with the DDW 97-005 process.
- U.S. EPA actions (anticipated):
 - Review of the following Phase 1B construction deliverables:
 - Final Revised RAWP – Revision 1 submitted by Honeywell/Wood on December 20;
 - Transportation and Off-site Disposal Plan submitted by Honeywell/Wood on February 28; and
 - Construction Quality Assurance/Quality Control Plan submitted by Honeywell/Wood on February 28.



February 2020 NHOU Monthly Progress Report (continued)

ANTICIPATED ACTIVITIES FOR THE NEXT SIX MONTHS

- Honeywell/Wood actions:
 - Continue to support LADWP with the DDW 97-005 process, including meeting with DDW;
 - Host a Pre-Construction Conference with U.S. EPA before beginning construction of the Phase 1B Groundwater Treatment System; and,
 - Initiate construction of the Phase 1B Groundwater Treatment System.
- LADWP actions (anticipated):
 - Continue development and submittal of documents associated with the DDW 97-005 process, including meeting with DDW; and
 - Participate in a Pre-Construction Conference with Honeywell/Wood for the Phase 1B Groundwater Treatment System and subsequent construction meetings, as required.
- U.S. EPA actions (anticipated):
 - Review and approve (as needed) the additional Honeywell/Wood deliverables noted above; and
 - Participate in a Pre-Construction Conference with Honeywell/Wood for the Phase 1B Groundwater Treatment System and subsequent construction meetings, as required.

UNRESOLVED ISSUES/POTENTIAL IMPACTS TO SCHEDULE/WORK PLAN

- Construction schedule has been revised to reflect an update to the anticipated start of construction (attached).


















DESIGN CHANGES OF NOTE

- None.



APPENDIX A
PROPOSED PHASE 1B CONSTRUCTION SCHEDULE
North Hollywood Operable Unit
Second Interim Remedy

ID	Task Name	Duration	Start	Finish	Predecessors	2019												2020												2021																							
						Quarter 1	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter																												
						Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	Regulatory Submittals/Approvals	749 days	Fri 3/29/19	Wed 2/9/22																																																	
2	Submit 90% Design & RAWP	0 days	Fri 3/29/19	Fri 3/29/19																																																	
3	EPA & LADWP Review	126 edays	Fri 3/29/19	Fri 8/2/19 2																																																	
4	Submit Final RAWP & Storm Drain Conveyance Design	44 days	Fri 8/2/19	Wed 10/2/19 3																																																	
5	Receive EPA Comments on Final RAWP	37 days	Thu 10/3/19	Fri 11/22/19 4																																																	
6	Submit Revised Final RAWP	28 edays	Fri 11/22/19	Fri 12/20/19 5																																																	
7	Submit Additional Construction Plans per RAWP	0 days	Fri 2/28/20	Fri 2/28/20 6FS+50 days																																																	
8	Receive EPA Approval on Additional Plans	0 days	Fri 3/27/20	Fri 3/27/20 7FS+20 days																																																	
9	Submit Site Wide Monitoring Plan	0 days	Mon 5/3/21	Mon 5/3/21 10FS-120 days																																																	
10	Submit Construction Complete Report	0 days	Sun 10/17/21	Sun 10/17/21 15,34FS+62 edays																																																	
11	Certificate of Substantial Completion from EPA	0 edays	Tue 1/25/22	Tue 1/25/22 10FS+100 edays																																																	
12	Submit Final O&M Manual	0 edays	Wed 2/9/22	Wed 2/9/22 11FS+15 edays,34																																																	
13	Regulatory Meetings	279 days	Mon 5/25/20	Thu 6/17/21																																																	
14	Pre-Construction Conference	1 day	Mon 5/25/20	Mon 5/25/20 8FS+40 days																																																	
15	Inspection of Construction	1 day	Thu 6/17/21	Thu 6/17/21 32																																																	
16	Phase 1B Treatment System Construction	579 days	Fri 3/29/19	Wed 6/16/21																																																	
17	Permitting & Procurement	280 days	Fri 3/29/19	Thu 4/23/20 2																																																	
18	Issue Notice of Award	11 days	Fri 4/24/20	Fri 5/8/20 17																																																	
19	Subcontractor Work Plan/Submittal Review	15 days	Mon 5/11/20	Fri 5/29/20 18																																																	
20	Mobilization	10 days	Mon 6/1/20	Fri 6/12/20 8,14,19																																																	
21	Deploy SWPPP BMPs	2 days	Thu 6/11/20	Fri 6/12/20 20FF																																																	
22	Demolition	40 days	Mon 6/15/20	Fri 8/7/20 20																																																	
23	Site Grading & Sub-surface Utilities/Piping	66 days	Mon 8/10/20	Mon 11/9/20 22																																																	
24	Install Equipment Pads	65 days	Mon 10/5/20	Fri 1/1/21 23SS+40 days																																																	
25	Set equipment	71 days	Wed 12/9/20	Wed 3/17/21 24FS-18 days																																																	
26	Warehouse Retrofit (MEP)	47 days	Mon 8/10/20	Tue 10/13/20 22																																																	
27	System Process Piping/Controls	83 days	Fri 1/8/21	Tue 5/4/21 25SS+22 days																																																	
28	Wellhead connections	110 days	Mon 8/10/20	Fri 1/8/21 20FS+40 days																																																	
29	Stormwater Conveyance Line	41 days	Mon 1/11/21	Mon 3/8/21 28																																																	
30	Site Restoration/Demobilization	24 days	Tue 4/13/21	Fri 5/14/21 27FS-16 days																																																	
31	Substantial Completion	0 days	Fri 5/14/21	Fri 5/14/21 30																																																	
32	Perform Inspections/Complete Punch List	30 edays	Mon 5/17/21	Wed 6/16/21 31FS+3 edays																																																	
33	Commissioning	42 days	Thu 6/17/21	Mon 8/16/21																																																	
34	Startup/Shakedown	60 edays	Thu 6/17/21	Mon 8/16/21 15,32																																																	

Project: Proposed Phase 1B Const Date: Mon 3/9/20	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only	